

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110122\
 Data File : VY011223.D
 Acq On : 01 Nov 2022 15:42
 Operator : KP/MD
 Sample : N5286-01RE
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BBS-SOILCUT-1026RE

Quant Time: Nov 02 01:42:16 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110122S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 01 11:56:18 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

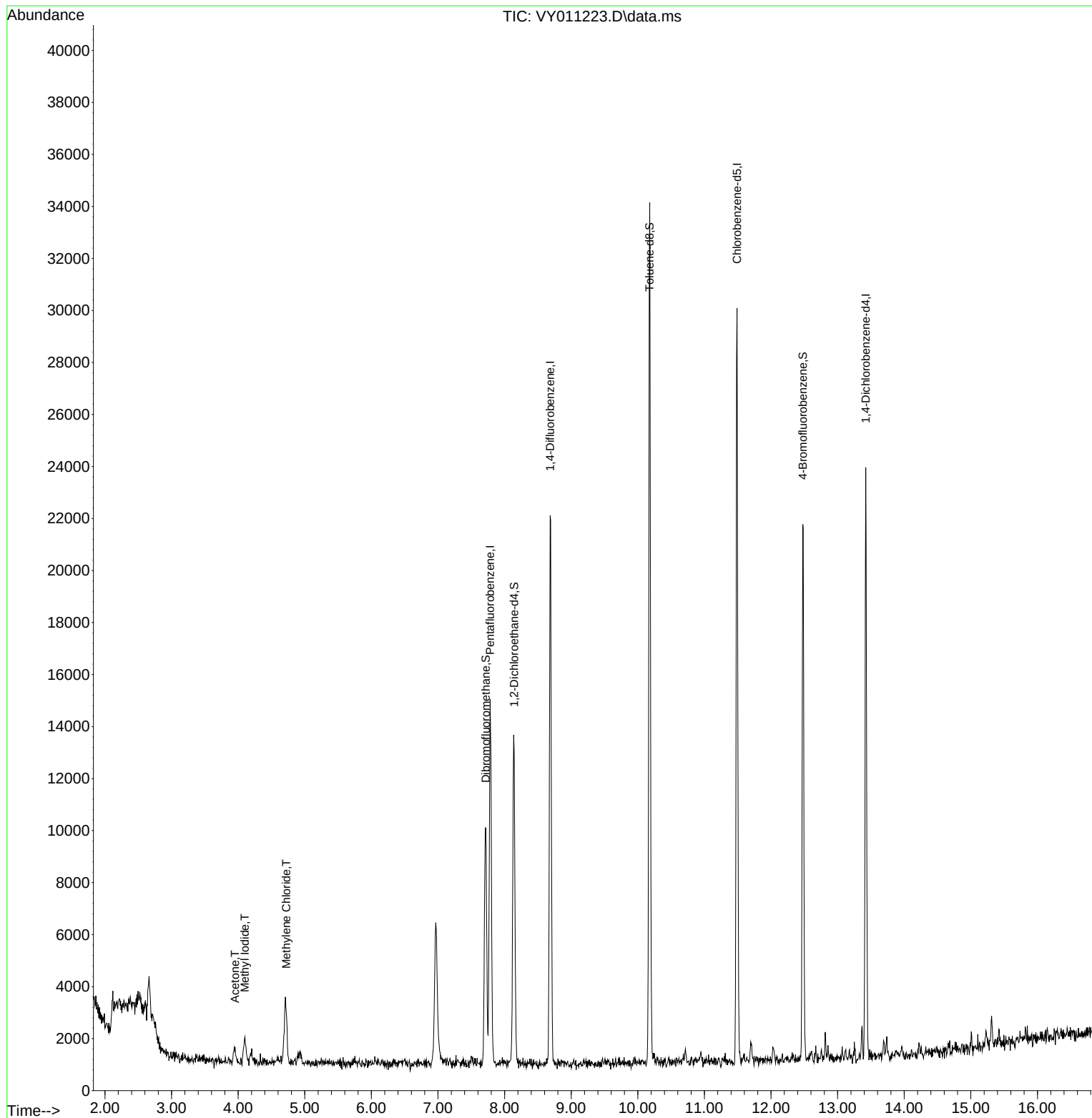
Internal Standards						
1) Pentafluorobenzene	7.783	168	11200	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	19291	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	17055	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	5989	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	9858	82.298	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 164.600%#	
35) Dibromofluoromethane	7.716	113	6964	56.187	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 112.380%	
50) Toluene-d8	10.179	98	23252	48.318	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 96.640%	
62) 4-Bromofluorobenzene	12.477	95	7076	42.356	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 84.720%	
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.100	142	1584	9.986	ug/l #	91
16) Acetone	3.954	43	1054	29.150	ug/l	96
20) Methylene Chloride	4.722	84	1980	9.296	ug/l #	73

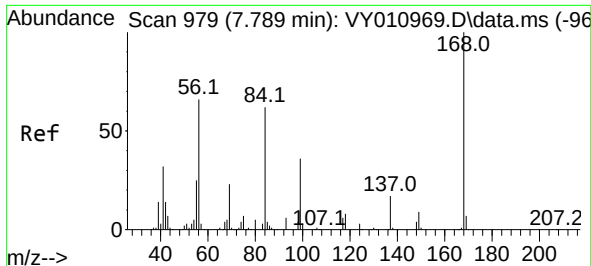
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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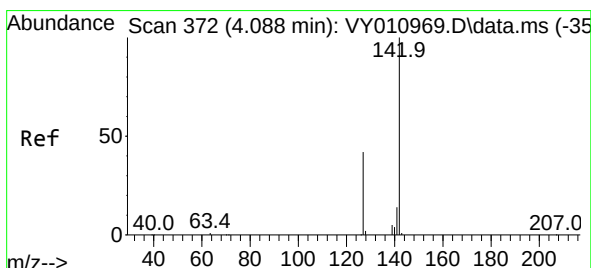
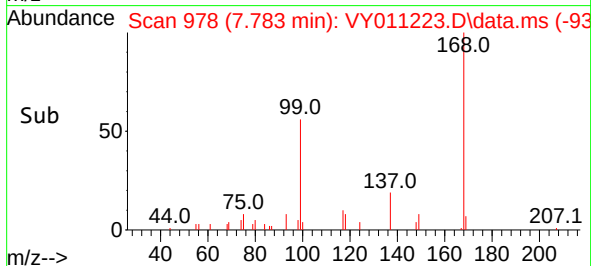
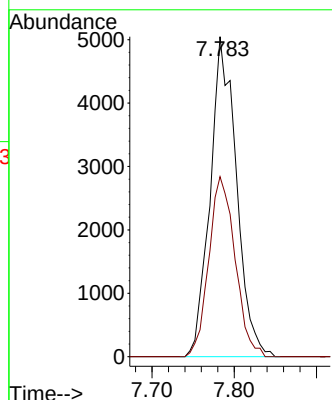
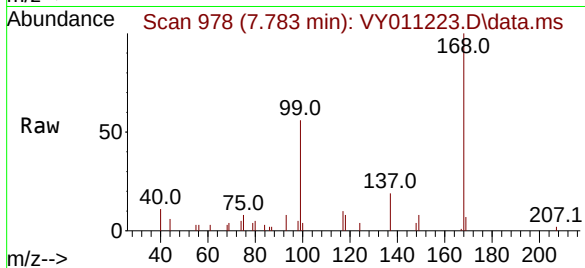




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY011223.D
Acq: 01 Nov 2022 15:42

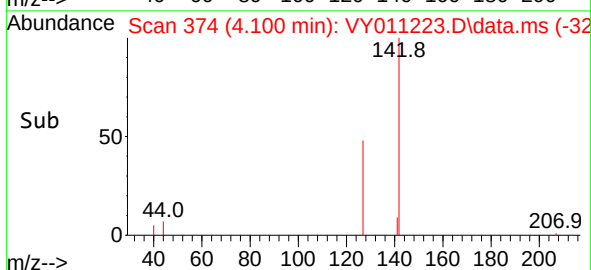
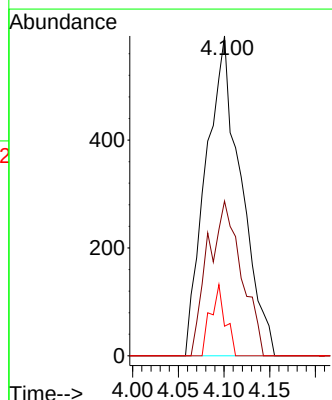
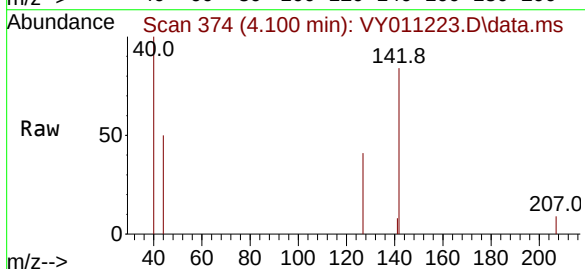
Instrument :
MSVOA_Y
ClientSampleId :
BBS-SOILCUT-1026RE

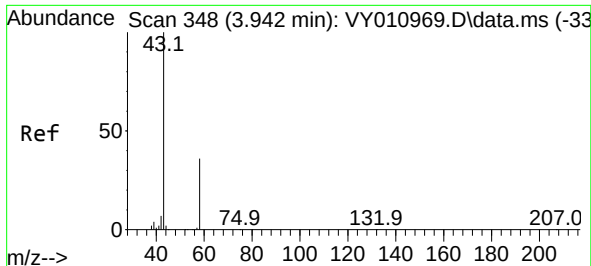
Tgt Ion:168 Resp: 11200
Ion Ratio Lower Upper
168 100
99 56.2 46.9 70.3



#10
Methyl Iodide
Concen: 9.986 ug/l
RT: 4.100 min Scan# 374
Delta R.T. 0.012 min
Lab File: VY011223.D
Acq: 01 Nov 2022 15:42

Tgt Ion:142 Resp: 1584
Ion Ratio Lower Upper
142 100
127 46.2 41.5 62.3
141 9.3 11.9 17.9#





#16

Acetone

Concen: 29.150 ug/l

RT: 3.954 min Scan# 3

Delta R.T. 0.012 min

Lab File: VY011223.D

Acq: 01 Nov 2022 15:42

Instrument :

MSVOA_Y

ClientSampleId :

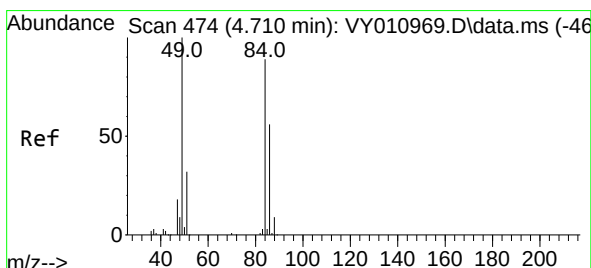
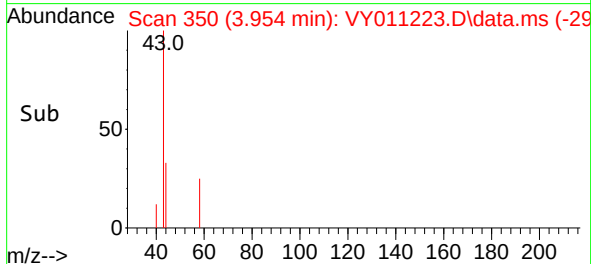
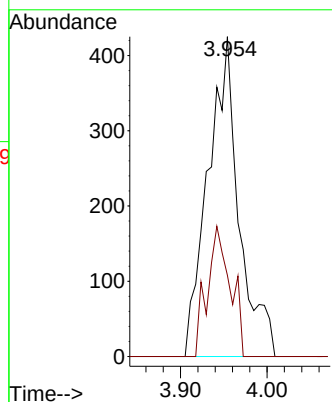
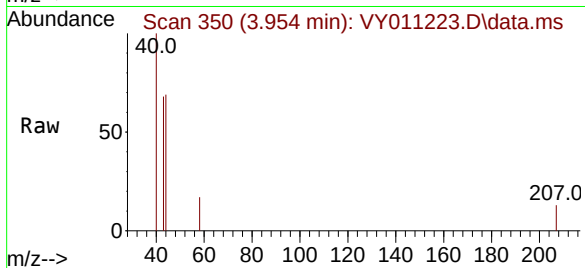
BBS-SOILCUT-1026RE

Tgt Ion: 43 Resp: 1054

Ion Ratio Lower Upper

43 100

58 25.4 22.0 33.0



#20

Methylene Chloride

Concen: 9.296 ug/l

RT: 4.722 min Scan# 476

Delta R.T. 0.012 min

Lab File: VY011223.D

Acq: 01 Nov 2022 15:42

Tgt Ion: 84 Resp: 1980

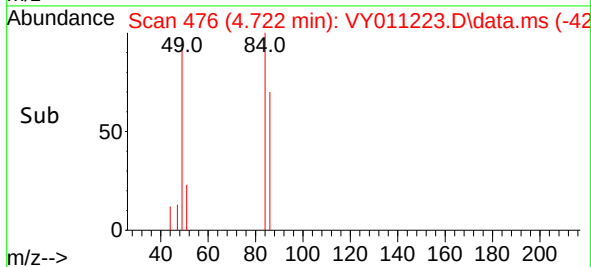
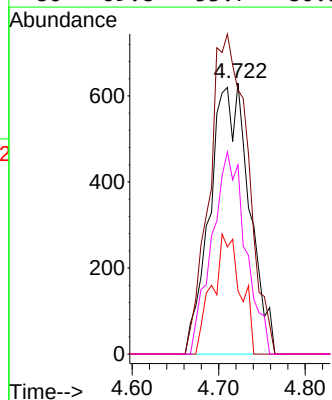
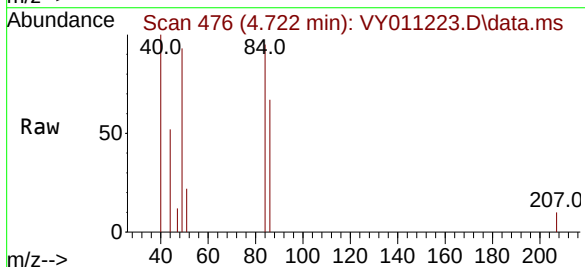
Ion Ratio Lower Upper

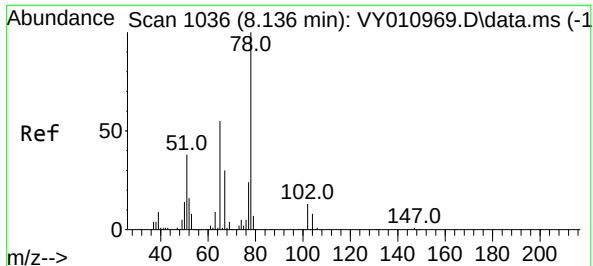
84 100

49 97.5 114.4 171.6#

51 23.3 35.3 52.9#

86 69.8 53.7 80.5





#33

1,2-Dichloroethane-d4

Concen: 82.298 ug/l

RT: 8.142 min Scan# 1103

Delta R.T. 0.006 min

Lab File: VY011223.D

Acq: 01 Nov 2022 15:42

Instrument :

MSVOA_Y

ClientSampleId :

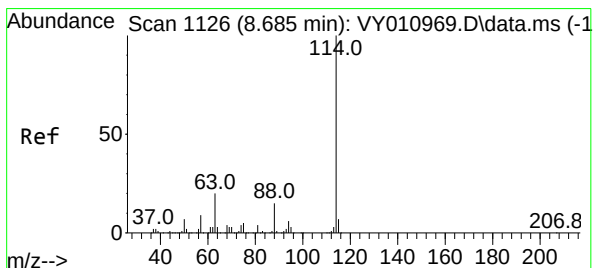
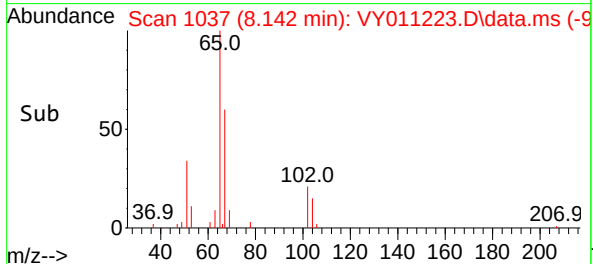
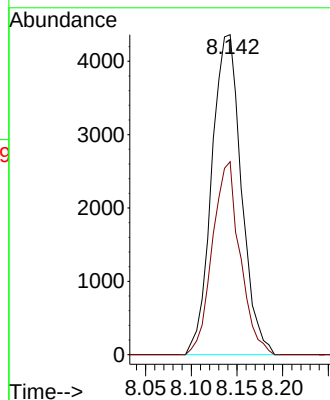
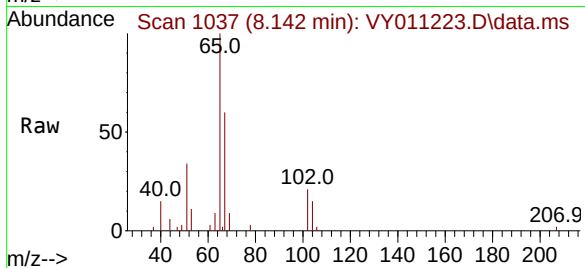
BBS-SOILCUT-1026RE

Tgt Ion: 65 Resp: 9858

Ion Ratio Lower Upper

65 100

67 56.2 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VY011223.D

Acq: 01 Nov 2022 15:42

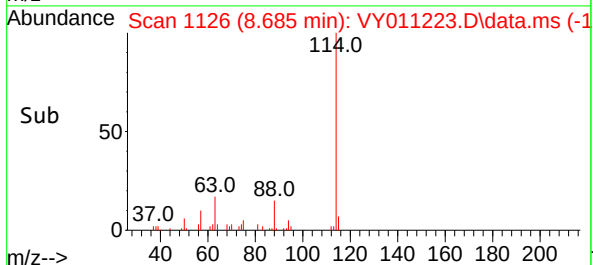
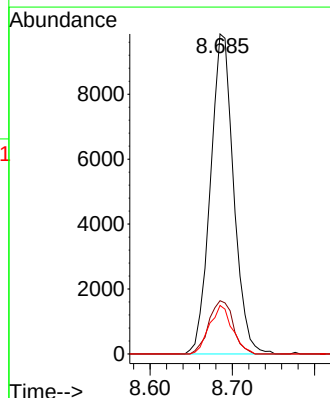
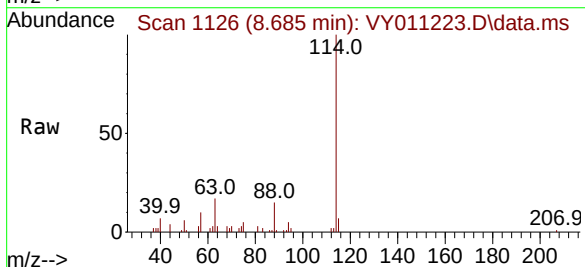
Tgt Ion: 114 Resp: 19291

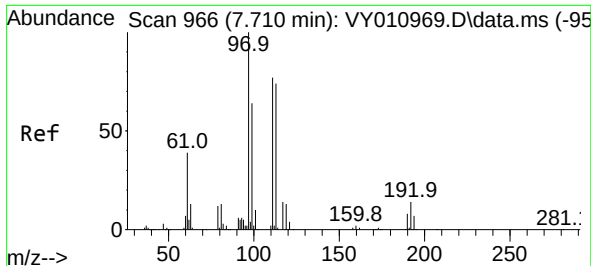
Ion Ratio Lower Upper

114 100

63 16.6 0.0 43.2

88 15.1 0.0 31.8

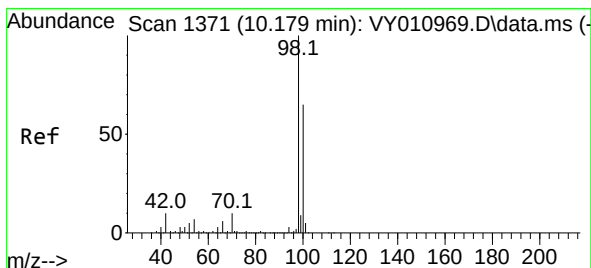
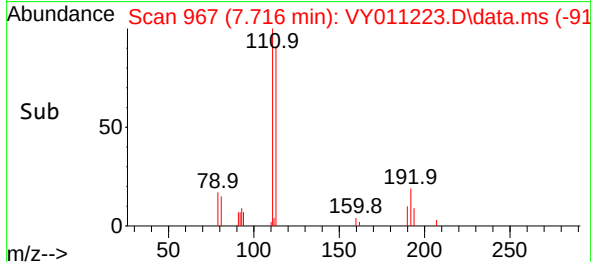
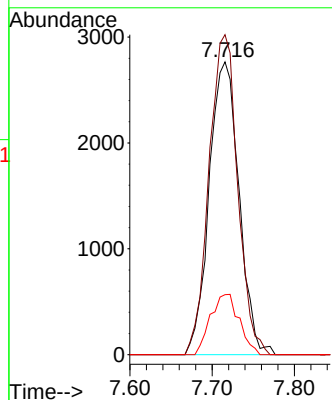
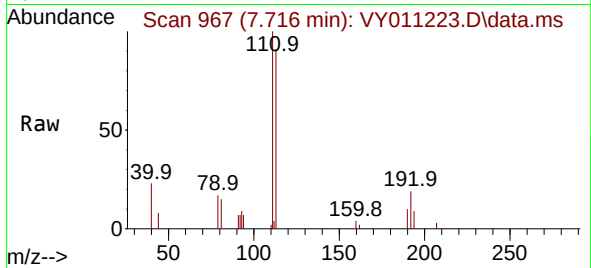




#35
Dibromofluoromethane
Concen: 56.187 ug/l
RT: 7.716 min Scan# 90
Delta R.T. 0.006 min
Lab File: VY011223.D
Acq: 01 Nov 2022 15:42

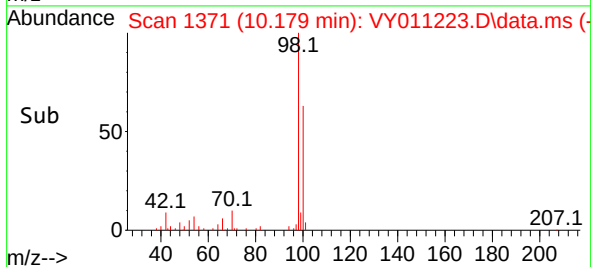
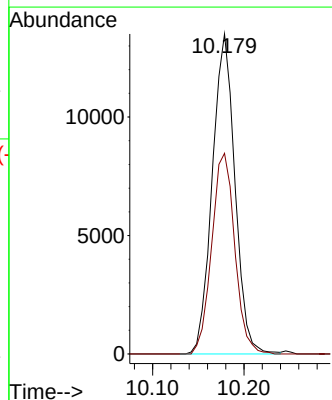
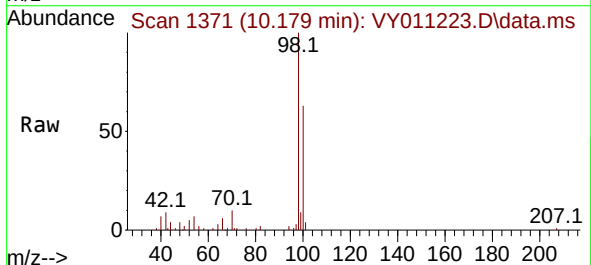
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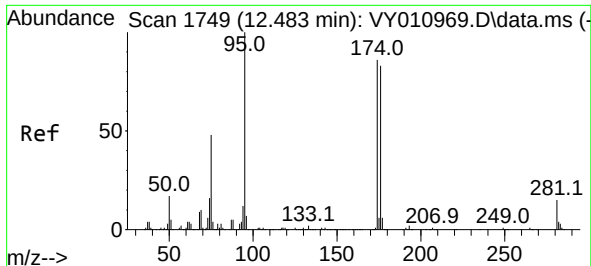
Tgt Ion:113 Resp: 6964
Ion Ratio Lower Upper
113 100
111 105.1 82.6 124.0
192 19.9 17.6 26.4



#50
Toluene-d8
Concen: 48.318 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011223.D
Acq: 01 Nov 2022 15:42

Tgt Ion: 98 Resp: 23252
Ion Ratio Lower Upper
98 100
100 63.8 50.2 75.2

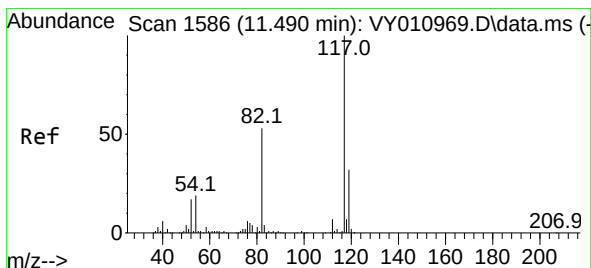
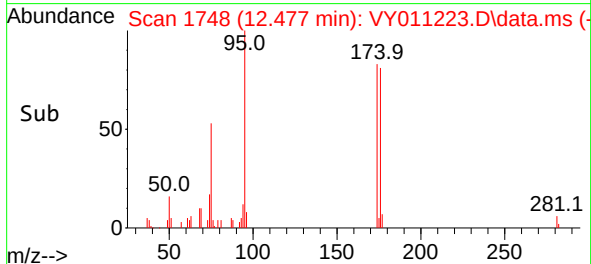
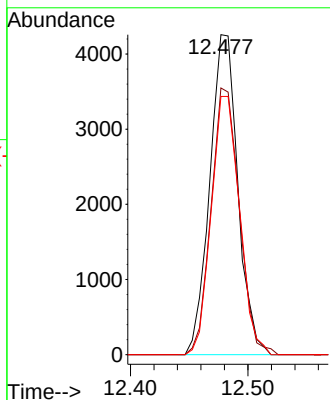
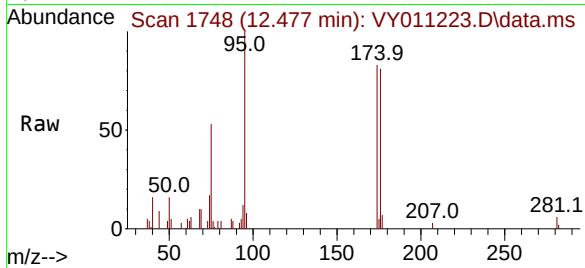




#62
4-Bromofluorobenzene
Concen: 42.356 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY011223.D
Acq: 01 Nov 2022 15:42

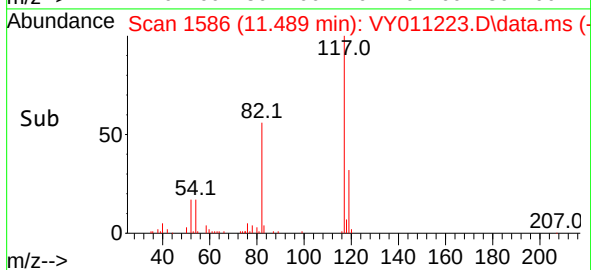
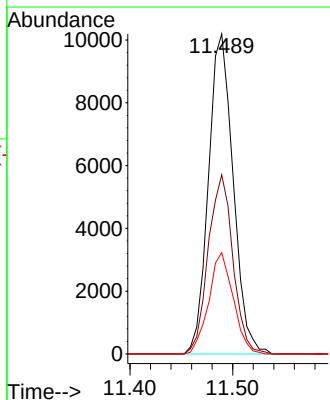
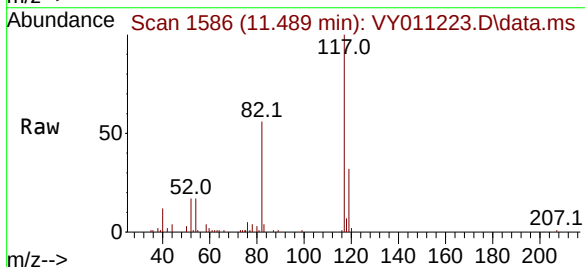
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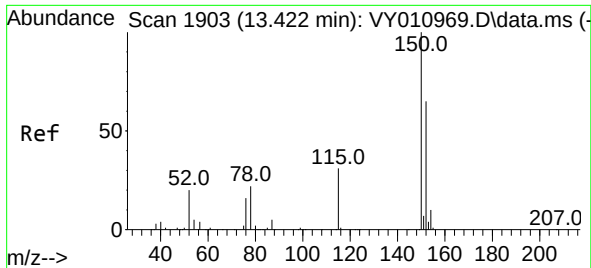
Tgt Ion:	95	Resp:	7076
Ion	Ratio	Lower	Upper
95	100		
174	83.6	0.0	177.0
176	81.4	0.0	175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY011223.D
Acq: 01 Nov 2022 15:42

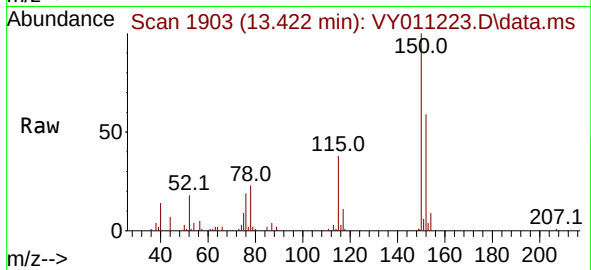
Tgt Ion:	117	Resp:	17055
Ion	Ratio	Lower	Upper
117	100		
82	56.0	43.0	64.4
119	31.7	25.4	38.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. -0.000 min
 Lab File: VY011223.D
 Acq: 01 Nov 2022 15:42

Instrument :
 MSVOA_Y
 ClientSampleId :
 BBS-SOILCUT-1026RE



Tgt Ion:	152	Resp:	5989
Ion Ratio	Lower	Upper	
152	100		
115	58.4	28.2	84.7
150	162.2	0.0	347.6

